

19970711.qrp qrp-por0.783
>From owner-qrp-l@Lehigh.EDU Thu Jul 10 18:03 CDT 1997
>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])
> by uro.theporch.com (8.8.7.Beta2/A-UX-3.1.1) with ESMTP id SAA10001
> for <shimshon@uro.theporch.com>; Thu, 10 Jul 1997 18:03:56 -0500 (CDT)
>Received: from fidoii.CC.lehigh.EDU (fidoii.CC.lehigh.EDU [128.180.1.4])
> by sco.theporch.com (8.8.7.Beta2/SCO-5.0.2) with ESMTP id XAA16695
> for <shimshon@theporch.com>; Thu, 10 Jul 1997 23:03:47 GMT
>Received: from Lehigh.EDU ([127.0.0.1]) by fidoii.cc.Lehigh.EDU with SMTP id
<35036-63002>; Thu, 10 Jul 1997 19:03:34 -0400
>Date: Thu, 10 Jul 1997 19:03:24 EDT
>Sender: owner-qrp-l@Lehigh.EDU
>Precedence: bulk
>From: qrp-l@Lehigh.EDU
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: QRP-L digest 783
>Mime-Version: 1.0
>Content-Type: text/plain; charset=us-ascii
>X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN
>Message-Id: <97Jul10.190334edt.35036-63002+239@fidoii.cc.Lehigh.EDU>
>Status: 0

QRP-L Digest 783

Topics covered in this issue include:

- 1) [22804] Re: "Men In Black" & Solar Power loads
by NilsBull@aol.com
- 2) [22805] Re: Hamcalc-28 HELP
by "duane" <duane@flinet.com>
- 3) [22806] Re: 10m J-POLE
by w4bws@juno.com (Donald E Sanders)
- 4) [22807] Help:SLV Carrying Case?
by "Wilford D. Lindsey" <70511.3041@CompuServe.COM>
- 5) [22808] Renewal batts, Transylvanian bats & el tercer mundo
by NilsBull@aol.com
- 6) [22809] Re: "Men In Black" & Solar Power loads
by Chris Cartwright <ccart@dns.vidtel.com>
- 7) [22810] Re: Hamcalc-28 HELP
by Bob Patten <n4bp@shadow.net>
- 8) [22811] Efficiency, Gain, and ERP of Trap Vertical vs Low G5RV
by Robert Everitt Heiss <rheiss@volta.ee.calpoly.edu>
- 9) [22812] A 10-Meter J-Pole made W/ TV mast
by wb2vuo@juno.com (William K Hibbert)
- 10) [22813] WantToBuy - 2m rig for packet
by "Adam B. Kanis" <adam-kanis@uiowa.edu>
- 11) [22814] Pacificon
by Jim Stafford W4QO <w4qo@America.Net>

- 12) [22815] Preamp F/U
by "Adam B. Kanis" <adam-kanis@uiowa.edu>
- 13) [22816] Tech America/Radio Shack
by Jim Stafford W4Q0 <w4qo@America.Net>
- 14) [22817] SS20 SLV
by mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
- 15) [22818] \$25 Two element Yagi (long)
by "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
- 16) [22819] OHR Explorer II (40M) Help
by kb0rol@juno.com (Bradley L Mugleston)
- 17) [22820] Hamsticks !
by ROYGREGSON@aol.com
- 18) [22821] Re: Cost of Vanity Calls (CHEAP, Really!!)
by Jon Iza <ea2sn@jet.es>
- 19) [22822] Hamstick Question
by Chris Cartwright <ccart@dns.vidtel.com>
- 20) [22823] W6AAQ Screwdriver Ant. Info
by FAITHD@dnr.state.wi.us (Don C. Faith III, AM/7, \ (608\) 267-3135)
- 21) [22824] Re: Battery prices!?!
by Rick Powell - WB6JBM <ripowell@mpna.com>
- 22) [22825] Re: Pixie, Thoreau, QRO -Reply
by Zack Lau <zlau@arrl.org>
- 23) [22826] Re[2]: Hamcalc-28 HELP
by lschaumb@dsc.dk
- 24) [22827] More on traps
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 25) [22828] Re: "Renewal" batteries
by W3GX@aol.com
- 26) [22829] FS Some good books
by Ed Pacyna <pacyna@auratek.com>
- 27) [22830] 3o M QRP-L Calling freq.?
by W3GX@aol.com
- 28) [22831] Spartan Sprint Log
by Brian Cieslak <brianc@ams-i.com>
- 29) [22832] Complete FT-840 Station FS as unit
by Dennis Zeares K3ETS <wzeares@post.cis.smu.edu>
- 30) [22833] Re: Help:SLV Carrying Case?
by jayboy@empnet.com (Jay & Jackie)
- 31) [22834] Re: installation Help - coax -
by Doug <doug@sunrise.alpinet.net>
- 32) [22835] Re: Renewal batts, Transylvanian bats & el tercer mundo
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 33) [22836] Montana QRP activity
by Doug <doug@sunrise.alpinet.net>
- 34) [22837] RESULTS FOR THE JULY SPARTAN SPRINT
by Russ Carpenter <russ@natworld.com>
- 35) [22838] Soapbox for the July Spartan Sprint (long)
by Russ Carpenter <russ@natworld.com>

- 36) [22839] 30m and contesting
by urolab@ix.netcom.com (David Weinstein)
 - 37) [22840] QRP travel
by jfitton@lucent.com
 - 38) [22841] HW-8 Handbook
by George Gingell <k3tks@u1.abs.net>
 - 39) [22842] Re: "Men In Black" & Solar Power loads
by Ken Lopez <kjlopez@earthlink.net>
 - 40) [22843] FS: Argosy II (525)
by Bill Acito 10-Jul-1997 1117 <acito@asdg.ENABLE.dec.com>
 - 41) [22844] Re: 30m and contesting
by James Parsons <k5rov@worldnet.att.net>
 - 42) [22845] [Fwd: Re: 30m and contesting]
by Roger Hightower <n7kt@dancris.com>
 - 43) [22846] Ten Meters..
by James Parsons <k5rov@worldnet.att.net>
 - 44) [22847] Calling all ARS Orphans
by Russ Carpenter <russ@natworld.com>
 - 45) [22848] SLV ground bus mod.
by Larry and Andrea Gagnon <gagnon@gagnon.u-net.com>
 - 46) [22849] Re: 30m and contesting
by Richard Mulvey <mulveyr@frontiernet.net>
 - 47) [22850] 38 SPECIAL FINALLY TRANSMITS after weeks of troubleshooting!!
by Neil Pam Klagge <npklagge@davis.uswest.net>
 - 48) [22851] Information Sources
by "Captain Dick" <captaindick@acmenet.com>
 - 49) [22852] IC706MKII_STUCK_LCD_SEGMENTS
by HIMES@idic11.idi.oclc.org
 - 50) [22853] Possible trade Drake SSR1 for QRP rig
by Earl Andrews <earlve3ab@host.igs.net>
 - 51) [22854] Re: "Renewal" batteries
by AA0QX <AA0QX@prodigy.net>
 - 52) [22855] [Fwd: Alcatraz Sked on QRP Group List]
by Ed Loranger <we6w@qsl.net>
 - 53) [22856] Re: QRP travel
by Joe Gervais <vole@primenet.com>
 - 54) [22857] WSN and Others Q-Sigs??
by Ed Loranger <we6w@qsl.net>
 - 55) [22858] FS: OHR Spirit QRP Transceiver for 20mtrs
by RhyneK@aol.com
 - 56) [22859] Re: 30m and contesting
by Dave Sjolin <sjolin@swbell.net>
 - 57) [22860] Re: 30m and contesting
by wb2vuo@juno.com (William K Hibbert)
 - 58) [22861] Re: WSN and Others Q-Sigs??
by gsurrency@juno.com (Gary L L Surrency)
-

Date: Wed, 9 Jul 1997 18:59:36 -0400 (EDT)
From: NilsBull@aol.com
To: WD6BOR@aol.com, qrp-1@Lehigh.EDU
Subject: [22804] Re: "Men In Black" & Solar Power loads
Message-ID: <970709185932_-393068206@emout17.mail.aol.com>

In a message dated 97-07-07 01:46:55 EDT, WD6BOR@aol.com writes: "This alien gives it three thumbs up."

I ain't seen it yit, but I'm itchin' to head off to the pitcher show come up along the weekend with the kid. Anythin' that points the finger in the direction of the Stark Fist of Removal is ok in my book. Betcha there's gonna be a lot of people wantin' to find a comit t'chick behind within their bino-cullers first night o' clear watchin'.

Yeeehah! And the charge controller what I bought offin Mikey Bryce showed up today along with Newsweek and sum othern mail what I didn't speck t'see an' all. So now I got a queskin:

Do I need like some kind of current sink on the PV panel when the battery's like all charged up and don't need none of that sunlight power? Or can I just plug stuff in an' hope fer the best?

73

Nils

WB8IJN &c

. . . maybe by Friday afternoon I'll have some pitchers of this heer rollin' radio box of death or something . . . did anyone catch Boomhower talkin' to Bob Dylan last Sunday on "King of the Hill"? Man, talk about yer third whirled languages an all that stuff.

Date: Wed, 9 Jul 1997 19:59:46 -0400
From: "duane" <duane@flinet.com>
To: <G4YND@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [22805] Re: Hamcalc-28 HELP
Message-ID: <199707100001.UAA02824@shell.flinet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I downloaded the file also. the bat file is where the problem is regarding running the program. I also noticed it uses GWbasic but my DOS has Basic and there seems to be a conflict with the too types of basic programs.

(Basic does not understand GWbasic) maybe the author of the program can explain further how to use it.

Duane AB4BE QRP-L#710
<http://www.flinet.com/~duane>
duane@flinet.com
ab4be@amsat.org

> From: G4YND@aol.com
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: Hamcalc-28 HELP
> Date: Wednesday, July 09, 1997 6:22 PM
>
> I downloaded the file from [ftp.lehigh](ftp://ftp.lehigh.edu) and aol unzipped it into a folder
> called h-cal 28.
>
> But how do I run it?
>
> (I opened the folder and double clicked on the ve3erp MS-DOS Batch-file
and
> got "File not found")
>
> Would one of you good people put this lost soul aright?
>
> Best wishes, Dave, G4YND.
>

Date: Wed, 09 Jul 1997 21:39:24 EDT
From: w4bws@juno.com (Donald E Sanders)
To: kaul@netcom.com
Cc: qrp-l@Lehigh.EDU
Subject: [22806] Re: 10m J-POLE
Message-ID: <19970709.214956.10551.1.W4BWS@juno.com>

Alan

A good technique with a J-pole is to use 300 ohm twin lead for the lower quarter wave, with coax center to one leg and shield to the other, and a single wire for the top half wave. the top wire can be wrapped in a spiral around the support pole, nonconductive of course, and the 300 ohm twin can also be wrapped flat around the pole. The SWR will not be 1:1 but who cares- it should be 2:1 or less if the lengths are correct, and the length of the twin lead can be trimmed if needed to change the SWR. This makes a compact arrangement and I have used it from 40 to 2 meters with

j-poles. In fact this makes a fiberglass fishing pole into a great mobile, home or portable antenna. For the purists- you can make a coil of the coax of about 8 to 12 turns, depending on freq, 6 inches in diameter to isolate the coax.

Don W4BWS

Date: 09 Jul 97 21:48:43 EDT
From: "Wilford D. Lindsey" <70511.3041@CompuServe.COM>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@CompuServe.COM>
Subject: [22807] Help:SLV Carrying Case?
Message-ID: <970710014843_70511.3041_IHD62-1@CompuServe.COM>

Gang:

Have SLV, will travel this weekend! Will be operating a special event 50/40/30 station from 7500 feet elevation in eastern New Mexico. Will be there about a week.

BUT...I need suggestions on a good tube-type carrying case for it = for the airplane ride.

Sometime ago there was a thread on this, but I can no longer find it. HELP!! Thanks in advance.

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqz 414 mn-qrp 19 nj-qrp 69 ak/qrp 139
ARCI 9398 ARRL WAS 49/38 DXCC 48/39 <><

Sierra Argosy 525 Argo 515 HW-9 Explorer II-30 SW-30 Norcal 40a
Emtech 40-40 SW-40 TT 1340 A&A Gary Breed 30 49er 38S Mercury
Paddles MFJ 259 MFJ 941D TNT/2 Windom SLV/W6MMA HB G5RV
Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Wed, 9 Jul 1997 21:56:34 -0400 (EDT)
From: NilsBull@aol.com
To: QRP-L@Lehigh.EDU
Subject: [22808] Renewal batts, Transylvanian bats & el tercer mundo

Message-ID: <970709215633_-2113048192@emout12.mail.aol.com>

(With apologies to Borges)

Thanks to all who have passed on their experiences with batteries, renewable & otherwise. Looks like I have a choice. Either I can use the nominally gutless camcorder batt with the ARK30 and see how well it holds up (even with the solar panel hosed up) or I can buy 8 of the C-size Renewal batts and see how they hold up. (Maybe put in a switch so I can charge one set while discharging the other. Or something. Maybe a chicken. Whatever, I have to find a Target store. . . which reminds me . . .

I have finished the box of stuff but looking at page 14 of the recently arrived QRPQ, I have been seriously bested. John Mikuckis' radio in a military surplus box is just too cool. However, he said with an evil, twisted caudillo's gring, I do have pictures of my travelling radio box of death and will have them on my radio web page by this weekend.

I have to do something while the novacain is wearing off. And I get a free filling, to boot. Ain't I the lucky one, ne?

73

Nils

WB8IJN &c

. . . miaj amikoj ne parolas klinga lingvo . . . gxi estas tro artefarita .
. . . or a chicken. . . and now that son Andy has hit the target with his bb
gun a couple ten times, he's qualified to drive in Detroit . . .

Date: Wed, 9 Jul 1997 22:02:23 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [22809] Re: "Men In Black" & Solar Power loads
Message-ID: <Pine.LNX.3.93.970709215436.1804A-1000000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 9 Jul 1997 NilsBull@aol.com wrote:

> Do I need like some kind of current sink on the PV panel when the battery's
> like all charged up and don't need none of that sunlight power? Or can I just

I know on my panel it says to be SURE to use a blocking diode
between it and the regulator (I use a 1N4006, 24V 330mA max out of the
panel) not sure it that's a current sink or not, but it sure keeps the

panel from turning the battery back into light :)

```
-- Chris Cartwright,   Technical Engineer   |       ccart@vidtel.com       --
-- N3XRV               QRP WAS 17/9 (w/c)   |       ccart@erols.com       --
-- QRP-L #655 NORCAL   #1891 QRP-ARCI #???? | http://dns.vidtel.com/~ccart --
-- WIMPS Q's=04 30M=04 17M=00 12M=00 STATES=03/00/00 DX=00/00/00 QSL's=00 --
```

Date: Wed, 9 Jul 1997 22:25:20 -0400 (EDT)
From: Bob Patten <n4bp@shadow.net>
To: G4YND@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [22810] Re: Hamcalc-28 HELP
Message-ID: <Pine.SOL.3.91.970709222321.8531A-100000@hyper>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 9 Jul 1997 G4YND@aol.com wrote:

> I downloaded the file from ftp.lehigh and aol unzipped it into a folder
> called h-cal 28.

>

You must restore the original directory structure to make it work as
paths are hard coded into many of the programs. Use this for the command
line:

pkunzip -d hcalc28

The "-d" recreates the directory structure.

Bob Patten, N4BP	Plantation, FL
n4bp@shadow.net	http://www.shadow.net/~n4bp/n4bp.htm
Brass Pounder BBS (954) 472-7715	

Date: Wed, 9 Jul 1997 19:49:51 -0700
From: Robert Everitt Heiss <rheiss@volta.ee.calpoly.edu>
To: qrp-l@Lehigh.EDU
Subject: [22811] Efficiency, Gain, and ERP of Trap Vertical vs Low G5RV
Message-ID: <199707100249.TAA22195@volta.ee.calpoly.edu>

Are you curious about the ERP of my field day station using a 20ft trap
vertical? After a combination of measurements and computer simulation

I've come up with some effective radiated power estimates, maybe within a dB or so. What if I had taken a G5RV and 20ft mast instead, with some ladder line direct to a good tuner? The computer simulated that also so we can compare. The horse race begins with an efficiency analysis:

Freq	Rig	-----Vertical-----	----G5RV-----
Band	Power	Feed+Grnd+Trap=Loss Efficiency	Loss Efficiency
7.1	4.00 W	0.30+1.87+0.60=2.77 dB 53 %	0.33 dB 93 %
14.2	3.50 W	0.30+0.93+0.94=2.17 dB 61 %	0.12 dB 97 %
21.3	3.00 W	0.37+1.08+0.17=1.62 dB 69 %	0.19 dB 96 %

The G5RV radiates almost all of the rig's power. The vertical wastes some power as heat, leaving just over two watts to radiate. Next, let's see if the antennas have any gain. What is a useful direction for the antennas to radiate? I picked a dozen combinations of frequency and elevation angle which are most useful for stations on the west coast:

Freq	Elev	Vertical	G5RV
7.1	10	0.57 dBi	-8.09 dBi
7.1	15	2.54 dBi	-4.87 dBi
7.1	20	3.34 dBi	-2.71 dBi
7.1	30	3.29 dBi	0.07 dBi
7.1	45	1.36 dBi	2.35 dBi
14.2	5	-2.96 dBi	-6.65 dBi
14.2	10	1.51 dBi	-1.75 dBi
14.2	15	3.23 dBi	0.75 dBi
14.2	20	3.71 dBi	2.24 dBi
14.2	30	3.14 dBi	3.67 dBi
21.3	5	-2.29 dBi	-6.95 dBi
21.3	10	2.25 dBi	-1.87 dBi

At only 20ft, the inverted vee radiates mostly up at elevation angles too high to be useful, in my opinion. On 20 meters there is fairly good low-angle radiation off the ends, and substantial gain for short hops. On the other hand, the vertical (with plenty of radials) has a nice low-angle pattern. In most cases it even picks up a little gain, but is it enough to offset the poor efficiency? At the finish line of this horse race, we subtract the losses from the transmitter power, then multiply what's left by the antenna pattern gain to arrive at an effective radiated power (ERP) for each of the twelve cases:

Freq	Elev	Vert	G5RV
7.1	10	2.41 W	576 mW
7.1	15	3.79 W	1.21 W
7.1	20	4.56 W	1.99 W
7.1	30	4.51 W	3.77 W
7.1	45	2.89 W	6.37 W
14.2	5	1.07 W	736 mW

14.2	10	3.01 W	2.28 W
14.2	15	4.47 W	4.05 W
14.2	20	4.99 W	5.70 W
14.2	30	4.38 W	7.93 W
21.3	5	1.22 W	580 mW
21.3	10	3.47 W	1.87 W

My ERP was between one and five watts. Definitely QRP. The G5RV would have been less effective in most (9 of 12) cases, so the trap vertical wins in the 20ft single-support class. Good enough for me!

Let me describe this particular trap vertical; it may be more effective than the newer designs with WARC traps and no radials. I've grafted a Hy-Gain 14AVQ onto the lower tubing of a Cushcraft AV3, which sits in a shallow hole in the ground. The hybrid is a couple feet taller than stock and omits the 10m trap. Since the site has poor to very poor ground, 72 radials are used in a sector arrangement. The front sector, centered northeast and 120 degrees wide, has 48 wires each 42 feet of 22 AWG. The rear sector has 24 wires, each 25 feet of 22 AWG. Fifty feet of RG-8 foam coax serves as the feedline.

73, Rob K06KA
rheiss@volta.ee.calpoly.edu

Date: Wed, 09 Jul 1997 23:10:37 EDT
From: wb2vuo@juno.com (William K Hibbert)
To: qrp-l@Lehigh.EDU
Subject: [22812] A 10-Meter J-Pole made W/ TV mast
Message-ID: <19970709.230937.2063.0.wb2vuo@juno.com>

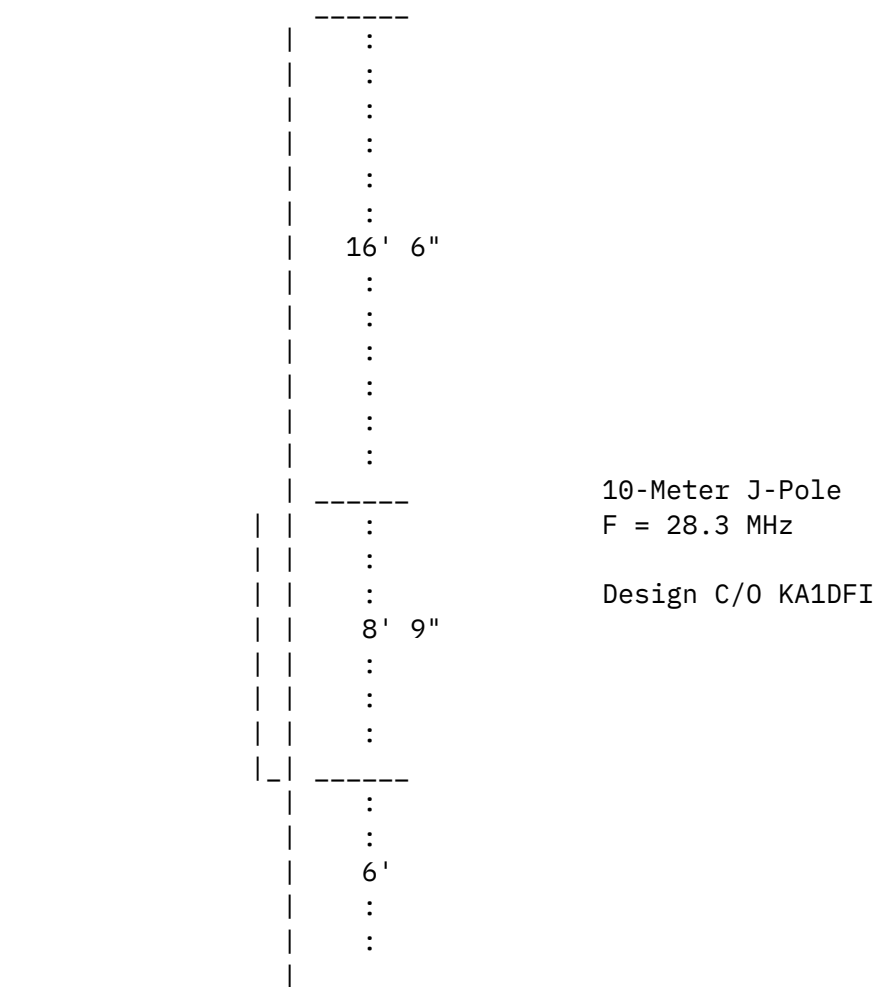
I dug back a ways, and found the notes on KA1DFI's 10-Meter J-Pole from the late 70's...

I scaled the dimensions to the low end of 10 Meters as Spiro had his on 29.5 MHz FM

The J-Pole was built from sections of TV mast (1 1/2" diameter") Chain-link fence top-rail will work just fine, and the galvanized is smoother than the paint on the typical TV masting, and is conductive. Four 10-foot lengths are needed for the antenna.

The antenna is the basic J-Pole, with the 1/4-wave section (8 ft 9 in long) made from the same tubing, spaced about 9-inches from the radiator. The bottom of the stub is connected to the main radiator (25 ft 3 in long overall, including the 1/4-wave stub) with a pair of either angle

The balance of the tubing sections make up the support mast, which Spiro had clamped to a piece of 2 x 6, and the main radiator is guyed about 20 - 25 feet up with nylon line or rope. Here's a "sketch" of sorts from the notes:



This is definitely not as portable as a Twin-Lead J-Pole would be, but would lend itself to a fixed-station installation readily. You could use a 10 foot 4 x 4, buried 3 ft into the ground, and one set of guys above the stub, and the antenna would handle almost (repeat, ALMOST!!!) anything that Mother Nature could toss your way. The galvanized is a good conductor, and with 1/4" bolts and star washers at each joint, the connections would be vibration resistant and have good conductivity thru the joints.

Feedline connections were made with hose clamps and copper strap, allowing you to "fine-tune" the antenna. This design is DC-grounded, and with a Good ground stake, connected to the bottom of the mast below the stub, would provide a degree of protection to near misses in a T-storm, just don't get hit directly! Precipitation and wind-generated static would be bled off to ground, too...

I used the "Vertical Dipole in a Tree" antler for 10 FM back then, but Spiro's J-Pole was a real performer. Consider this design for a rugged 10 Meter antler...

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, 100% QRP
Tech Specialist (ARRL/WNY), ARRL Life Member,
Trustee, NQ2RP/B 10 Mtr QRP Beacon (QRP @ 28.287 MHz)
"In the Depths of the Great Bergen (NY) Swamp...FN13ac"
Packet - wb2vuo@w2im.#wny.ny.usa.noam *** Email - wb2vuo@juno.com
SnailMail - CBA *** Phone - 716.494.1239

"My Night Light runs more power than my Rig!!!"

Date: Wed, 09 Jul 1997 22:45:27 -0500
From: "Adam B. Kanis" <adam-kanis@uiowa.edu>
To: qrp-l@Lehigh.EDU
Subject: [22813] WantToBuy - 2m rig for packet
Message-ID: <2.2.32.19970710034527.00688080@molsun.ophth.uiowa.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hi all,
i'm looking for a used, older, less expensive 2m rig for use as a dedicated packet radio. mobile or ht is fine. synthesized or xtal. OBQRP - needs to be able to run QRP, though ok if it also runs some QRO levels. conserve bw and disk-space --> reply via email (not to list).

73,
adam, n2brt
adam-kanis@uiowa.edu

Date: Wed, 09 Jul 1997 23:13:06 -0400
From: Jim Stafford W4QO <w4qo@America.Net>

To: QRP-L <grp-l@Lehigh.EDU>
Subject: [22814] Pacificon
Message-ID: <33C45342.6540@America.Net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Can anyone tell me when Pacificon is this year? Been looking around and it doesn't seem to be listed in the hamfest lists I see regularly.. Pop a reply direct to me pls.

--

Jim Stafford, W4QO ->NoGaQRP Group<- RadioActive Schools(sm) -
11395 West Road ->VP - QRP.ARCI<- Using amateur radio as
Roswell, GA 30075 <http://www.america.net/~w4qo> a teaching tool in
770-993-9500 Internet: w4qo@america.net north Georgia schools.
QRP-L#267 QRP-ARCI#6515 G-QRP#5588 MiQRP#897 NorCal#1092 CQC#307

Date: Wed, 09 Jul 1997 22:46:46 -0500
From: "Adam B. Kanis" <adam-kanis@uiowa.edu>
To: grp-l@Lehigh.EDU
Subject: [22815] Preamp F/U
Message-ID: <2.2.32.19970710034646.0068caec@molsun.ophth.uiowa.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hi,

wanted to give you some follow up on my quest for a high impedance pre-amp with gain for freq-counter front end. i've had several people contact me asking to share the wealth of what i learn.

i've gotten some suggestions, but none of them have really met my criteria or needs. some circuits have the high impedance, but are more of unity-gain buffers; others had gain, but were not of sufficiently high impedance.

so, i searched through Maxim's CDRom datasheet collection (request online at www.maxim-ic.com) and today ordered several different video amp and buffer ic's. if you haven't looked through Maxim's offerings (more than just what DigiKey carries), you should. their stuff is not cheap, but they make some really cool stuff. they will sell small orders, and will even send samples. i'm sure i could have made the amp with discrete parts, but this was a good excuse to play with these amp chips, which i'm sure will appear more and more in home-brew designs. actually, i will also play with discretes since i should learn more about different configurations of FET

amps (ie, what componants determine the gain?).

i'll evaluate the amps and buffers next week, and let you all know how it works out. i'll also test out a schmidt (sp?) trigger signal conditioner for improving the low frequency (af) response of the counter in the MFJ antenna analyzer.

73,
adam, n2brt
adam-kanis@uiowa.edu

Date: Thu, 10 Jul 1997 00:11:36 -0400
From: Jim Stafford W4QO <w4qo@America.Net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [22816] Tech America/Radio Shack
Message-ID: <33C460F8.43F3@America.Net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Got a catalog from them on Monday. I am very impressed. The prices are a bit higher than the "surplus" oriented places, but seem to be in line with the "big" houses, like DigiKey and Mouser. The catalog has lots of pictures and some pieces (like certain soldering iron tips) that I have had some difficulty finding. I'm still browsing thru mine. I am not sure why I received one automatically but suspect it is because I have bought a part or twenty at the R/S stores!!

--
Jim Stafford, W4QO ->NoGaQRP Group<- RadioActive Schools(sm) -
11395 West Road ->VP - QRP.ARCI<- Using amateur radio as
Roswell, GA 30075 <http://www.america.net/~w4qo> a teaching tool in
770-993-9500 Internet: w4qo@america.net north Georgia schools.
QRP-L#267 QRP-ARCI#6515 G-QRP#5588 MiQRP#897 NorCal#1092 CQC#307

Date: Wed, 9 Jul 97 18:10:00 HST
From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
To: qrp-l@Lehigh.EDU
Subject: [22817] SS20 SLV
Message-ID: <9707100410.AA01980@krypton.nmr.Hawaii.Edu>

After much thinking about the SLV and 20 meters, I think I have come up with a pretty way of eliminating the coil and using a full size vertical on 20 meters that is easy to pack up and can be tuned across the band.

I call it the Sword Swallower.

If you take a large alligator clip and jam an ice pick down its throat, you can move the spring and bar aside enough so that a standard Stainless Steel whip will slide into its mouth, past the spring and out through the collar where the wire is supposed to go. The clip will clamp onto the whip, but the whip can be slid up and down for tuning.

Second, go to Radio Shack and look in the noise pollution enhancement section for something called "MEGACABLE". There is a version that is for going under the carpet. It is flat. In fact, it is an insulated pair of runs of quarter inch flat braid.

Strip off a piece matched to your whip length. I am using a handy whip that is the element from a Hustler super 15 meter resonator and has a very fancy ball on the top. I used a file to round off the inserted end of the SS whip for reasons about to become obvious.

Total length should be adjustable from 16 feet 2 inches to 17 feet by sliding the whip up and down.

Now strip the megacable into a single run of flat braid and put a nice lug on one end to hook to the antenna terminal on the SLV base.

The other end is stripped of insulation for a good foot. Use the ice pick to open it up. It will open like a Chinese finger puzzle. Carefully put the opened end up over the collar of the alligator clip. You can resize the collar to be a nice snug fit around the whip rod. Solder it in place all around the outside of the collar.

Now when you insert the whip down the throat of the alligator clip, it slides right into the center of the braid! By sliding the whip in and out tuning is possible. The whip can be removed for transport.

The Black Widow rod is just under 17 feet without the top flimsy section. Extend all the rod but that one. I use a tiny cork to plug the end against rain. I use a couple of rubber O-rings to hold the megacable against the pole. Finally I use a wrap of rubber tape and a cable tie to secure the collar of the alligator clip to the mast with the whip sticking up.

It is easy to mark the whip for each section of the band.

It works and is pretty. Now for field testing and hopefully demonstration of radiation!

At least mechanically it is pretty. Hopefully pretty does as pretty is...

Mike Burger AH7R Honolulu County Grid: BL11ch QRP-L #1053
 FISTS #3225 ARS #240 "Under the Bee's ... 28"

Date: Wed, 9 Jul 1997 23:22:32 -0500 (CDT)
From: "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
To: qrp-l@Lehigh.EDU
Subject: [22818] \$25 Two element Yagi (long)
Message-ID: <Pine.OSF.3.96.970709223818.12067A-100000@curly.cc.utexas.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hey Gang,

I'd been having such great luck with G3YYC's mini-dipole that I decided to add a second element to it. To lighten it up, I used four 5/8 inch wood dowels (two per side on each element) separated by a coil wound on a half inch pvc pipe (Used 32 turns of #22 plastic covered hook up wire and then covered it with electricians tape). Rather than use the electrical conduit for the elements, I just strung #14 copper wire from the center connector on the driven element to each coil and then added another piece of #14 wire from the other side of the coil out to the end. I just taped the #14 wire to the dowels with electricians tape. I used my Autek RF-1 to trim the outer wires to achieve resonance. I then built a second element the same way but cut the outer wires shorter so it would resonant about 14.720. That makes the director about 5% shorter than the driven element. This is my first yagi, so I'm not sure if that was a reasonable choice. I used a piece of oak 1 x 2 to separate the beam elements (by about 8 feet 6 inches). I did not weigh it yet, but it has got to be less than 10 lbs. I then used a U-clamp to bolt the boom to an eight foot closet pool and lashed it to my deck on the second story of the house. The beam is lower than the top of the house and only about 25 feet off the ground. I pointed it North and went inside to see how it worked. The total width of this thing is only 16 feet (two four foot dowels for each element)

I hooked the 50 ohm coax directly to my NW20 (no tuner) and gave a listen.

How does it work?

I heard WA9REQ calling CQ and gave him a call. He came right back from Carthage, Illinois and gave me a 559. He's 78 years old and we had a delightful rag chew. I tuned around for a few minutes and heard KH6AFS/QRP calling CQ and he was loud so I knew conditions were great, but my beam was pointed north. Was this a Hawaiian vacationing in South Dakota or what? What the heck, I gave him a call. Sam was in Hilo, Hawaii and gave me a 549. He was running only 2 watts but had a bobtail curtain at 70 feet. I was thrilled and gave him a 589 and he deserved every ounce of it! We went back and forth a couple of times before I got QRMed, but I could still copy Sam...what a signal.

I could hardly believe I had just worked a 2-way QRP to Hawaii off the side of my \$25 two-element Yagi lashed to a second story deck. I purchased all the wood, hardware and brackets new so you could build this thing for a lot less if you have you have some lumber in the garage, some #14 wire and some mounting hardware.

One other thing...I hadn't finished tuning to the exact spot I wanted so it was resoant at 14.180 and I had about a 2.1:1 SWR at 14.050 where we worked. Oh yeah, it was about 0130Z. I didn't bother to cut my transmission line down to size, but just hooked up a piece of 100 foot coax I had out in the garage left over from a previous experiment.

I'm headed out of town on Thursday and won't get a chance to use it again until sometime next week, but I'll give you an update and more details on the construction when I get back. Just couldn't wait to tell you the good news.

Is this QRP stuff fun or what?

72,

Gary, KJ5VW
Austin, Tx

Date: Thu, 10 Jul 1997 00:47:44 EDT
From: kb0rol@juno.com (Bradley L Mugleston)
To: qrp-l@Lehigh.EDU
Subject: [22819] OHR Explorer II (40M) Help

Message-ID: <19970709.213201.7727.3.kb0rol@juno.com>

Thanks for all the help on finding the correct part to fix my Explorer, I thought I'd never be able to use it again.

I need to tell you all how great this list is, people were looking up things all over the place for me - one guy offered to drive 1 hour to come to my house and help me debug my radio. This is a great bunch of guys.

Now for a confession, but let me recap. I took my Explorer camping with me the Monday after Field Day (no 24 hours of radio fun wasn't enough). I got my antenna (random wire and counter pose) up a pine tree and set down in the shade to play. I forgot the Random Wire adaptor I made for my tuner so I used duct tape to hold everything in place. Using my Autek I tuned up the wire and hooked up the radio. Good signals so I sent some CQ's. No reply so I fussed with the setup (ya know its not easy rotating a vertical in a pine tree) Well I tried again and the needle on the meter didn't move - I got a side tone but nothing out. I knew right then I blew the final or something just as bad sounding (doesn't everyone blow their final sending into a bad antenna?)

Well I fought back the tears and packed everything up. I came home Tuesday night and sent out a HELP message. I was going back up camping on Thursday and wanted my radio. I got lots of help but I couldn't find the part I thought I needed in town so I went back to boy scout camp with out the rig.

Today I found the parts I thought I needed and ordered two (I'm not going to be without again!!!) Just for grins and with a big prayer I hooked up the Explorer to my Delta loop and powered up, receive OK now try transmit - the needle moved, miracle of miracles it was working.

Some how the duct tape must have come loose and no signals but the radio didn't fail me. THANKS OHR FOR THE GREAT RIG!!! Now if they could build a better user.

Any way thank you all for the help and BTW if you do blow your final in your explorer the replacement transistor is a NTE195A. This is suppose to be a better transistor than the original and can take more abuse.

Thanks

de KB0ROL/AG, Brad

Date: Thu, 10 Jul 1997 02:10:09 -0400 (EDT)
From: ROYGREGSON@aol.com
To: QRP-L@Lehigh.EDU
Cc: jfitton@lucent.com
Subject: [22820] Hamsticks !
Message-ID: <970710021008_160673507@emout17.mail.aol.com>

Hi Jim....Hamsticks work great !BUT.... I have the 5" mag mount, (not recommended for mobiling) I found that I could not get the thing to resonate at all near the band desired. Found two problems. 1-- there is not enough capacity thru the magnet, thru the auto's paint for a ground connection. On mine, there was not an electrical connection from the magnet to the coax shield. I used some 16ga stranded wire connected to the coax shield on the bottom inside of the mount, flattened under the magnet and ran to a bolt in the door frame for a ground. AHA ! Now it would resonate as checked with an antenna analyzer !

2--on my 20m and 30m Hamsticks, found that the soldered connection on the bottom of the antenna fitting could be moved around. It may have been soldered at one time, but when it was ground off, the connection was lost. Scrape away the black stuff, and resolder. My Weller with a heavy duty tip worked great, and did not damage the epoxy holding the fiberglass section to the fitting !

I only use mine for a quickie antenna in the field, works real good ! There was a thread a while back that said the 5" mag mount would not stay on the vehicle at 65MPH ! The larger 3 magnet mount was recommended !
good luck.....Roy

Date: Thu, 10 Jul 1997 08:43:03 -0700
From: Jon Iza <ea2sn@jet.es>
To: qrp-l@Lehigh.EDU
Subject: [22821] Re: Cost of Vanity Calls (CHEAP, Really!!)
Message-ID: <33C50307.402C@jet.es>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks,

Please do not whine!!! There are places where even a non-vanity call costs bucks\$\$\$\$. In Spain, we have to pay 5 (five) years at once, which adds up to about 20.000 Pta (now with the increase of the exchange, just a mere 140 bucks ouch!). If you still want to keep whinning, I will tell you we are only allowed to operate two rigs on HF, two on higher bands, which are duly registered on our license. These rigs must be of an approved-type list, so if your rig is not on the list, you are out of

luck. Reasons for failing are, for instance, that the rig "may" transmit out of band... or, for VHF/UHF rigs, the possibility of including a 1.2 GHz module, a band which is still not allowed on a regular basis for hams here...

If you want more, I have to say that you have to submit a detailed technical project of the antenna installation (and the station itself), sometimes signed by an architect (they act here as structure engineers), and to show proof that you have an antenna insurance, just in case everything fails...

On my case, to get a license plate with my callings on it I had to go to the University, got a PhD and a hard-to-find postdoctoral grant to go to the US (see QST Strays December 1995!). So tell me about 30, or 50 bucks!

: -)

Be well. And excuse my ramblings.

jon, ea2sn

Date: Thu, 10 Jul 1997 07:12:25 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [22822] Hamstick Question
Message-ID: <Pine.LNX.3.93.970710070922.356B-1000000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

While I'm waiting for the SLV parts to show up, I'm going to stick one of the ProAm Valor hamsticks in the ground, should I use 4 or 5 quarter wave radials or a "bunch" of shorter ones? Or should I just try both and let everyone know :)

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV QRP WAS 17/9 (w/c) | ccart@erols.com --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? | http://dns.vidtel.com/~ccart --
-- WIMPS Q's=04 30M=04 17M=00 12M=00 STATES=03/00/00 DX=00/00/00 QSL's=00 --

Date: Thu, 10 Jul 1997 06:11 CDT
From: FAITHD@dnr.state.wi.us (Don C. Faith III, AM/7, \ (608\) 267-3135)
To: robinson@plhp002.comm.mot.com, dennyv@clarityconnect.com
Cc: qrp-l@Lehigh.EDU
Subject: [22823] W6AAQ Screwdriver Ant. Info
Message-ID: <009B70809ABE3D82.5558@dnr.state.wi.us>

There is a HF mobiling website that has a detailed picture of Don Johnson's DK3 "Screwdriver" antenna (which was the source of Vern's inspiration for his SLV coil improvement from my understanding).

The address is: [http://home1.gte.net/n5rv \(/antennas.html\)](http://home1.gte.net/n5rv (/antennas.html))

As far as I know, Don is still providing a multipage guide to constructing a DK3 for \$5 ppd. Don's address is:

Don Johnson, W6AAQ
Box 595
Esparto, CA 95627-0595

Also, the last time I corresponded w/ Don (last winter), he was preparing a new book to replace his "40 + 5 years of HF mobiling." It is one to look for if you are planning to build a DK3 or just if you want to operate mobile. I wouldn't be surprised if you couldn't also still buy a DK3 (Built by Don "DK" Johnson) from Don. When I bought mine a year and a half ago (the first one) from him they were about \$150 or so (The commercially made knockoffs run about twice that but probably have a better finish).

It is a fun but sometimes challenging project to make one yourself. Having access to a lathe is necessary if you want to make one exactly per Don's plans but it is possible to make one without a lathe by using heavy nylon line (i.e. 0.050" weed wacker line) as a spacer for the 16 ga buss wire in place of grooves in the PVC tubing. See the web page for some additional discussion.

73 (es 72) de N9WR, Don C. Faith

Date: Wed, 09 Jul 1997 17:11:59 -0400
From: Rick Powell - WB6JBM <ripowell@mpna.com>
To: qrp-l@Lehigh.EDU
Subject: [22824] Re: Battery prices!?!
Message-ID: <1.5.4.32.19970709211159.002d82c4@smtp.mpna.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The mgfr's know about Field Day!
/rick

At 08:33 PM 7/9/97 +0000, you wrote:

> Does anyone have a clew for the outrageous rise in battery prices

>in the past few months? Is it just greed on the manufacturers' part, or
>some "hidden tax" the Greenies have instituted on us to "save the
>environment"? 9 volt 'transistor' batteries and flashlight size cells
>have gotten almost unaffordable. I've watched '2-pak' 9 volt alkalines
>jump from \$1.50 at sale prices to \$5-6 "list" prices!! Jeese...what's going
>on? Anybody know?

>

>73,

>E. V. Sandy Blaize, W5TVW

>"Boat Anchors collected, restored, repaired, traded and used!"

>417 Ridgewood Drive,

>Metairie, LA., 70001

>ebjr@worldnet.att.net

>**Looking for: 860 tubes, WL-460 tubes**

>**RK-34(VT-224) tubes, Butternut HF2V antenna**

>

>

>

>

Argonaut 505 - MFJ 9020 - 38 Special

<http://www.mpna.com/ripowell> ripowell@mpna.com

WB6JBM/8/QRP Richard Powell

QRP-L - #1118 Cincinnati, OH

Date: Thu, 10 Jul 1997 08:35:31 -0400

From: Zack Lau <zlau@arrl.org>

To: qrp-l@Lehigh.EDU

Subject: [22825] Re: Pixie, Thoreau, QRO -Reply

Message-ID: <33C4D713.26FE@arrl.org>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I thought I'd mention that it takes a fair amount
of skill to effectively use a high gain array--where
exactly should it be pointed? Yeah, I know, just use
some spherical trig and make the calculation based
on the latitude and longitude of the station you want
to work :-). But what if you don't know where the band
is open--like 6M this Field Day? For those who didn't
know, the East coast actually had E skip in most directions

over the USA, and double hop to W7 and J6. But, since the openings were a bit weak, lots of guys missed out, even though I worked quite a bit of stuff with QRP (including the J6). I knew the band was open to W7 because I heard some Midwest folks work into W7--and W3EP/1 had a contact with someone who said the band was open but nobody else on the East Coast could hear him call them...

I find it helps to have a really good receiver (+15 dBm input intercept seems to work nicely) and be able to copy weak SSB off-tune. Admittedly, a lot of it is guesswork, patching up bits and pieces to figure out where barely audible stations are located.--Zack Lau W1VT

Date: Thu, 10 Jul 97 14:49:25 wet
From: lschaumb@dsccl.dk
To: <n4bp@shadow.net>, qrp-1@Lehigh.EDU
Subject: [22826] Re[2]: Hamcalc-28 HELP
Message-ID: <9706108685.AA868542621@smtp1ink.dsccl.dk>

The original directory structure is (Drive letter need not be C:)

C:\BAS

C:\DATA

It will only work with the VE3ERP.BAT if you install it with the directories at root level like this.

Alternatively, you can use SUBST command to give a drive letter to a lower level directory:

===== HC.BAT =====

@echo off

rem Hamcalc 28 expects to be installed in the root of a drive.
rem If you want to run it from a directory down the tree structure,
rem you can give it its own virtual drive with the SUBST command
rem and run it from there.
rem OZ1CJX 970710.

subst e: .

e:

\bas\gwbasic.exe \bas\prog\intro

cd\

c:

subst e: /d

===== END =====

Save the lines between the =='s as a .BAT-file and place it

with VE3ERP.BAT and now HamCalc can be run from there.

Vy 73 de Lars, OZ1CJX

----- Reply Separator -----
Subject: Re: Hamcalc-28 HELP
Author: <n4bp@shadow.net> at TESTTEST
Date: 09-07-97 22.25

On Wed, 9 Jul 1997 G4YND@aol.com wrote:

> I downloaded the file from ftp.lehigh and aol unzipped it into a folder
> called h-cal 28.
>
You must restore the original directory structure to make it work as paths
are hard coded into many of the programs. Use this for the command line:
pkunzip -d hcalc28

The "-d" recreates the directory structure.

Bob Patten, N4BP
n4bp@shadow.net
Brass Pounder BBS (954) 472-7715
Plantation, FL
<http://www.shadow.net/~n4bp/n4bp.htm>

Date: Thu, 10 Jul 1997 09:25:43 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: towertalk@contesting.com, QRP-L List <qrp-l@Lehigh.EDU>, tenten-l@Lehigh.EDU
Subject: [22827] More on traps
Message-ID: <Pine.SOL.3.94.970710092309.16189C-1000000@utkux4.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have added further notes to the systematic trap modeling entry at my
site, to include aluminum and wire elements from Q=25 to Q=1600, with
notes also on the effects of the L/C ratio in the trap. Still unfinished,
but possible useful to someone.

-73-

LB, W4RNL

L. B. Cebik, W4RNL /\ /\ * / / / (Off) (423) 974-7215
 1434 High Mesa Drive / \/ \/ ----/\---- (Hm) (423) 938-6335
 Knoxville, Tennessee /\ \ \ / / || / (FAX) (423) 974-3509
 37938-4443 USA / \ \ || cebik@utk.edu
 URL: http://funnelweb.utcc.utk.edu/~cebik/radio.html

 Date: Thu, 10 Jul 1997 09:57:23 -0400 (EDT)
 From: W3GX@aol.com
 To: dmaliniak@penton.com
 Cc: QRP-L@Lehigh.EDU
 Subject: [22828] Re: "Renewal" batteries
 Message-ID: <970710095721_914776755@emout11.mail.aol.com>

"Renewal batteries are at their best when NOT cycled deeply and given frequent top-off recharges. ... you can in fact expect *thousands* of short-discharge cycles from Renewal batteries. Deep-discharging them can have the reverse effect of shortening their life expectancy."

Sounds as if Renewals are the flashlight equivalent of automobile batteries and not marine deep cycle batteries.

de W3GX
 John Foote

 Date: Thu, 10 Jul 1997 09:58:39 -0400
 From: Ed Pacyna <pacyna@auratek.com>
 To: qrp-l@Lehigh.EDU
 Subject: [22829] FS Some good books
 Message-ID: <3.0.16.19970710095537.3387470c@galaxy.auratek.com>
 Mime-Version: 1.0
 Content-Type: text/plain; charset="us-ascii"

1. Build your own intelligent amateur radio transceiver

Enough said (this one was discussed quite a bit on qrp-l recently).

2. Secrets of RF circuit design, new 2nd edition by J. Carr, McGraw Hill

570 packed pages of information, circuits and tips. Chapters (26 total) include: RF components and tuned circuits, Radio receivers theory and projects, Direct conversion receivers, RF amplifiers and preselector circuits, RF circuit alignment techniques, Interpreting receiver specifications, Building signal generator/oscillator circuits, What's that coming from my receiver?, Using the double balanced mixer, PIN diodes and their uses, Transistors and IC's, LC RF filters, The Smith chart etc.

3. Lenk's RF Handbook, John Lenk, McGraw Hill

265 pages covering RF basics, Practical considerations, RF test equipment, Basic and advanced RF tests, Basic and advanced RF trouble shooting

4. Practical RF Power Design Techniques, I Gottlieb

290 pages covering transistors vs. FETs vs. tubes, impedance matching networks, applications of transmission line elements, low, medium and high power applications and circuits, SWR and related controversies.

5. How to Design Solid State Circuits, Horowitz and Horn, 2nd edition, TAB

365 pages, 15 chapters covering solid state device applications at low and high frequencies, small and large signal applications, voltage and current feedback circuits, switching circuits, power supplies, filtering, digital systems and digital devices in linear amplifiers.

All books in as new condition.

Would prefer to sell as package for \$75 or B0

Ed
W1AAZ

Date: Thu, 10 Jul 1997 10:08:11 -0400 (EDT)
From: W3GX@aol.com
To: 70511.3041@compuserve.com
Cc: qrp-l@Lehigh.EDU
Subject: [22830] 30 M QRP-L Calling freq.?
Message-ID: <970710100810_505446840@emout16.mail.aol.com>

Thanks for info. I have just started concentrating on 30 M. It seems the more often I listen the more activity I find. I mean, every time I tunes

around this past winter there seemed to be nothing going on. I couldn't understand all the discussion of activity on such a dead band.

Of course the band stays open later now that it's summer. But we may also be observing an increase in 30 M activity because of the way that the QRP-L has talked it up and encouraged operation.

Next, the manufacturers will notice this and how many Wilderness, etc., sets are being sold and they may make 30 M the next darling of the industry, somewhat the way 6 M has recently been "in vogue."

All this is great. 30 M should become the best and worst kept secret in ham radio, both at the same time.

72 de W3GX
John Foote

Date: Thu, 10 Jul 1997 09:12:49 -0500
From: Brian Cieslak <brianc@ams-i.com>
To: "'russ@natworld.com'" <russ@natworld.com>
Cc: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [22831] Spartan Sprint Log
Message-ID: <c=US%a=_%p=Adaptive_Micro_S%l=AMS-I_SERVER_-970710141249Z-6026@ams-i-server-1.ams-i.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Here is my Spartan Sprint Log from last Monday. I didn't get a chance to weigh the Norcal 40 and the 4.5 ah battery so I guess I'll enter as an absolute entry.

-----40 M

01:18 W3TS 559 PA 1W
01:41 WJ4P 549 SC 1W
01:42 W2WWP 579 NY 50W
01:42 N2VPK 579 NY 5W
01:46 N3FRT 579 MD/DC 5W
01:49 K3TA 559 PA 2W
01:48 WB4ZUO 549 GA 50W
02:02 W3KC 559 MD 5W
02:06 AC5NB 529 TX 100W
02:07 W4VBB 559 VA 40W
02:33 WA1QVM 559 MA 4W
02:38 AE4IC 559 NC 5W

02:50 W6ZH 449 CA 3W
02:58 N7VE 549 AZ 3W

I had a great time in my first sprint...even though I had to dig some signals out of the noise level it was a very relaxing and enjoyable way to spend the evening out on the deck with the solar charged battery and rig. Breeze kept the mosquitoes down and the temps cool. It reminded me of the old days as a novice struggling to raise a QSO and then getting all excited when someone finally came back to me. Enjoyed working the QRO ops that dropped in to give me a contact. could have easily gotten into some good rag chews with'em. Looking forward to doing it again.

Brian AE9K

Date: Thu, 10 Jul 97 09:18 CDT
From: Dennis Zeares K3ETS <wzeares@post.cis.smu.edu>
To: qrp-1@Lehigh.EDU
Subject: [22832] Complete FT-840 Station FS as unit
Message-ID: <1.5.4.16.19970710080135.29b7e4f2@post.smu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Due to Serious Medical Reasons, I am currently looking and praying for someone to buy my complete QRP station:

FT-840 with cw filter and FM module

Astron RS-20A power supply

Drake MS-4 speaker

MFJ 948 Versa TunerII

OHR WM-1 Wattmeter

Timewave DSP-9 with new firmware

MFJ Econo Keyer

Bencher Paddles

Asking \$800 and willing to accepts bids for the whole station only at this time. If I cannot find a buyer for whole station, someone else will be posting and selling the items at a latter date on behalf of the estate. Everythings works great. all cables etc. YOU pay shipping.

Please, only respond with offers for the whole station at this time.

Thanks, 72/73 Dennis Zeares K3ETS, Dallas, TX

Date: Thu, 10 Jul 1997 07:24:25 -0700 (PDT)
From: jayboy@empnet.com (Jay & Jackie)
To: 70511.3041@CompuServe.COM, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [22833] Re: Help:SLV Carrying Case?
Message-ID: <199707101424.HAA23210@empnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:48 PM 7/9/97 EDT, Wilford D. Lindsey wrote:

>Gang:

>

>Have SLV, will travel this weekend! Will be operating a special event
>50/40/30 station from 7500 feet elevation in eastern New Mexico. Will
>be there about a week.

>>

Don't know what others have done, but I went to Home Depot and bought a short length of sewer pipe (4" - 5" Diameter). Put a cap on one end and a screw on cap on the other...Works great, but I have not tried taking the thing on a plane.....Just throw it in the back of the Jeep.....Good luck

Jay, W6JDB/7 Bend, Or

Date: Thu, 10 Jul 1997 08:46:03 -0600
From: Doug <doug@sunrise.alpinet.net>
To: ukii@megsinet.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [22834] Re: installation Help - coax -
Message-ID: <33C4F5AA.C7E0F44@alpinet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

HI John.....here's what I use for whatever it 's worth. Try a PVC "sweep", it's a nice, smooth 90 and can be pulled through without much difficulty. I use PVC fittings through the wall...they're easy to install and seal using RTV or bathtub caulk...whatever works for you. This QTH is a log structure and I found the PVC to be a neat and effective way to move coaxes and power cables into the shack.

Take a trip to your local hardware store and see all the different pieces you can buy...
and the ideas will start to flow.

Best of luck...have fun.

73

Doug, K7YD

ukii wrote:

> Hello Gang.
> I am in the process of remodeling my house and now am
> doing the "shack". I always ran the coax through the window
> but now I want all my coax to run inside the basement, up to the first
> floor
> shack. What are you using where you bring the coax into the house,
> and second, how are you bringing the coax up through the floor
> and out of a wall?
> I was thinking about 2 or 3 inch PVC elbow with a piece of pipe
> running
> down into the basement and then just feed the lines through it???
> Also, when the coax enters the house I was thinking about a dryer vent?
>
> What do you say???
> Please, any advice would be greatly appreciated.
> Thanks much
> John
> n9ukx
>
> *** Pursuant to qrPENAL code Section 7 Article 3 ***
> "Failure to use a Code Sending device on a regular
> basis may result in an IMMEDIATE FORFEITURE of
> the Morse Code Portions of the Bands"

Date: Thu, 10 Jul 1997 08:01:41 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <NilsBull@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [22835] Re: Renewal batts, Transylvanian bats & el tercer mundo
Message-ID: <199707101505.KAA14792@multi13.netcomi.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: NilsBull@aol.com
> ...the solar panel hosed up) or I can buy 8 of the C-size Renewal batts
and see
> how they hold up. (Maybe put in a switch so I can charge one set while
> discharging the other. Or something. Maybe a chicken. Whatever, I have to
> find a Target... in Detroit . . .

One important thing to remember about the Renewal (tm) batteries is that they cannot be correctly charged in a battery (multicell) configuration. The charger circuit must adapt to the rate at which the cell is accepting charge, which will vary from cell to cell. That is why they can only be recharged in the Renewal Recharging Station. Trying to recharge them while they are series connected will not work.

This is why you will not see Renewal (tm) alkalines put into camcorder battery packs, portable phone batteries, thermostat backup batteries, etc. The pack would have to be disassembled and rewired for charging.

They do make excellent BB targets, however, even in Detroit.

Mike K1MG

PS -- Nils, we know what you're planning. Just remember, it is a violation of scientific law to injure, harass, kill, "accidentally" shoot with a BB gun, or mimic any badger. It is also a violation of federale law to entice, encourage, solicit, or abet a minor in the commission of a violation of scientific law. It is also a well-known fact that if you cut a badger in half, the two halves will regrow into two full-sized badgers. You have been warned. We don't need no stinkin' badgers!

Date: Thu, 10 Jul 1997 09:16:34 -0600
From: Doug <doug@sunrise.alpinet.net>
To: qrp-1@Lehigh.EDU
Subject: [22836] Montana QRP activity
Message-ID: <33C4FCD2.40F89E1D@alpinet.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi fellow dittychasers. Just a note to let you know I'll be portable in Northwestern Mt for a few days next week for Glacier Hamfest. I'll have the 38S and QRP+ with me and will be active on 30 meters. The location will be in Flathead County, which isnt all that rare, but if you need it for the Counties award, that'll work too. I'll hang around 10113 to 10120 and will no doubt be most active in the afternoons, July 17-20, so if you need MT, give me a call.

73

Doug, K7YD

Date: Thu, 10 Jul 97 08:29:52 -0700
From: Russ Carpenter <russ@natworld.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Cc: "Richard Fisher" <KI6SN@aol.com>, "Wayne Burdick" <svecbrdk@mail.well.com>, "Lorraine Aubert" <AC6XK@amsat.org>, "Cam Hartford" <camqrp@cyberg8t.com>
Subject: [22837] RESULTS FOR THE JULY SPARTAN SPRINT
Message-ID: <199707101529.IAA11105@guppy.pond.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

The July Spartan Sprint was outstanding. We had twice as many logs submitted as past Sprints, with many new callsigns. It looks like this once-a-month swindle is catching on. Thanks for your support and participation!

Twenty meters was in fine shape in many parts of the country. Randy, AB7TK, really smoked on 20 meters, winning both divisions of the Sprint. 40 meters was pretty tough, although Brian, AE9K and Mike, W3TS, managed to accumulate a decent number of Qs. Your contest manager (located in OR) has worked Mike (located in PA) on 40 meters in nearly every Sprint, which says a lot about Mike's operating skills and 0.7 pound station.

Thanks to all of you who put up with our erratic email and web site. We've now moved our domain to a new server.

By way of reminder, each 20 meter Q gets two points, and each 40 meter Q gets one point. In a few cases in which lightweight equipment was being used, but station weight was not provided, your contest manager estimated the weights. In other cases, where the stations were clearly in the tubby category, but station weight was not provided, your contest manager assigned an arbitrary weight of 30 pounds.

The top two performers in each category receive handsome certificates. The contest manager is not eligible.

Results sorted in order of points per pound.

Name	Call	20 M	40M	Total	Weight	Points/ Pound
AB7TK	Randy	54	0	54	2.3	23.48
W3TS	Mike	0	12	12	.7	17.14
AA7QU	Russ	34	6	40	2.7	14.81
W6PZ	Pete	34	3	37	2.91	12.71
KC1FB	Jim	12	0	12	1.1	10.91
AB7TT	Joe	16	5	21	2.44	8.61
K6PZB	John	4	5	9	1.22	7.38
WS8D	Mike	26	2	28	5	5.60
N7VE	Dan	24	2	26	6.5	4.00
N4ROA	Dan	20	3	23	7.25	3.17
KBCV	Walt	24	2	26	11	2.36
AE9K	Brian	0	14	14	6	2.33
KI6SN	Richard	8	2	10	5.7	1.75
VE3JC	John	16	2	18	10.8	1.67
KB9LGJ	Tim	12	0	12	7.2	1.67
K8WI	Bill	14	4	18	15	1.20
W5VBO	Brian	30	3	33	30	1.10
K06KA	Rob	14	0	14	14.8	0.95
KQ0I	Mark	18	0	18	25	0.72
W9UQB	Mike	14	1	15	30	0.50
WA1QVM	Joel	2	3	5	10	0.50
AE0Q	Glenn	26	0	26	73	0.36
WD6FDD	Rich	0	1	1	3	0.33
WD3P	Larry	4	0	4	13	0.31
KA5T	Larry	6	2	8	30	0.27
WE6W	Ed	2	1	3	14	0.21
AC6XK	Lorraine	0	1	1	5	0.20

Results sorted in order of points (affectionately known as the TUBBY CATEGORY).

Name	Call	20 M	40M	Total
AB7TK	Randy	54	0	54
AA7QU	Russ	34	6	40
W6PZ	Pete	34	3	37
W5VBO	Brian	30	3	33
WS8D	Mike	26	2	28
N7VE	Dan	24	2	26
KBCV	Walt	24	2	26
AE0Q	Glenn	26	0	26
N4ROA	Dan	20	3	23
AB7TT	Joe	16	5	21
VE3JC	John	16	2	18
KQ0I	Mark	18	0	18
K8WI	Bill	14	4	18
W9UQB	Mike	14	1	15
K06KA	Rob	14	0	14
AE9K	Brian	0	14	14
W3TS	Mike	0	12	12
KC1FB	Jim	12	0	12
KB9LGJ	Tim	12	0	12
KI6SN	Richard	8	2	10
K6PZB	John	4	5	9
KA5T	Larry	6	2	8
WA1QVM	Joel	2	3	5
WD3P	Larry	4	0	4
WE6W	Ed	2	1	3
AC6XK	Lorraine	0	1	1
WD6FDD	Rich	0	1	1

Date: Thu, 10 Jul 97 08:29:47 -0700
 From: Russ Carpenter <russ@natworld.com>
 To: "QRP-L List" <qrp-l@Lehigh.EDU>
 Subject: [22838] Soapbox for the July Spartan Sprint (long)
 Message-ID: <199707101529.IAA111100@guppy.pond.net>
 Mime-Version: 1.0
 Content-Type: text/plain; charset="US-ASCII"

>From John, VE3JC

Conditions seemed a little strange on both bands - not a lot of stations heard, especially on 40. But lots of fun. Must make up a lighter battery pack!

Equipment used: QRP+, mystery paddles of unknown parentage,

and 6 AHr Battery Total weight: 10.8 lbs

(Z)		Call	RST	R	SPC	PWR	R	RST	S
102	20M	K06KA	579	CA	3	579			
104	"	AA7QU	569	OR	4	569			
106	"	W5VBO	559	AZ	5	579			
111	"	AB7TK	559	ID	2	559			
114	"	N7VE 559	AZ	5	559				
117	"	W6ZH 589	CA	2	569				
120	"	AB7TT	559	AZ	2	559			
133	"	AE0Q 559	C0	5	559				
151	40M	N4ROA	559	VA	5	539			
245	"	AA7QU	229	OR	4	449			

>From Randy, AB7TK

Soapbox: I really wanted to use the SST on 40, but after listening on Sunday night and looking at the 2X mult for contacts on 20, I decided to use the Sierra on 20. I debated all morning on whether to go to the woods and put up a dipole or to once again use the TH7DX beam at 110 feet at the W7UQ club station. W7UQ won out. You know things are going to be great when you get a reply to your CQ and the clock still says 0100. K0EVZ, Doc, must have been sitting on the fq. First hour rate was 19. Then it dropped off. One of the more interesting replys was from P43HK/QRP in Aruba. Lots of calls that I recognized, but couldn't come up with the names immediately. On 40 I've gotten used to the "western" stations and can come up with the name quickly or a few seconds after the contact. Guess I've got to learn new calls and names. S/P/C worked were MN, MD, GA, MI, ON, AL, CT, PA, VA, LA, TX, KS, NC, OK, AR, IA, CO, Aruba, and SK.

>From Jim, KC1FB

I finally got my station near the 1 lb mark, but now I'm on only one band....pretty good to west coast last nite on 20M. Only six contacts but with the multiplier and the new low weight I broke 10 pts/lb.

SST-20, 8 AA cells, Whiterook Key, Ear Buds and cables. Signed as 1W, but with the AA's the WM-1 said 0.7W, and I got two QSO's calling CQ.

What a rush!!!!

>From Richard, KI6SN

Equipment

SST-40 (.6)

SST-20 (.6)

AA-Batteries: (.8)

Z-Match Tuner: (2.5)

Galbraith paddle: (.5)

TiCK keyer: (.4)

Sony headphones: (.3)

Total: 5.7 lbs

20-meter QSOs: 8 (4X2)

40-meter QSOs: 2 (2X1)

Total SP QSOs: 10

Soapbox:

At KI6SN it was the battle of the dueling SSTs -- one on 40 meters; one on 20. The 20 meter version came out the winner with the help of band conditions. Using a droopy G5RV antenna (not the optimum wire for 20 meters), four good operators pulled my 1-watt signal from the noise: W6ZH (CA), WS8D (MI), N4SO (AL), and AC5AM (LA). On 40-meters, it was K6PZB (CA), and AA7QU (OR) who get the honors. Twenty meters started out strong and then the bottom fell out. Forty never really caught fire -- although I did copy the remarkable 1-watt RF of Mike Michael, W3TS, at 339 before sundown. He heard me, just couldn't pull my callsign out of the noise. This is a testimony to both Mike's great transmitting station, and the SST's sharp receiver. It's superb for weak signal operations. Many thanks to all who made this SP most interesting, and I'm eager for the August event to arrive.

>From Larry, WD4P

Just two QSOs this time both on 20M, the best was 2 Watts each way to ID from MD.

The weight came down this time. Got the Sierra on the air for this one. The ID QSO was it's second QSO on 20M. Its first was to Lithuania, not bad for 2 Watts. Now need to work on a lighter battery and keyer - total came to about 13 lbs. or so.

Conditions seemed terrible, esp. on 40M so I gave up early this time.

I could hear some weak ones on 20M but not a one on 40M.

>From Larry, KA5T

20 was not too noisy, but not too many stations heard here in Texas...
40 was NOISY... Lots of stations down in there...Just couldn't get them out....

>From Joe, AB7TT

Finally managed to work a Spartan Sprint with my new backpacking QRP setup! Worked eight stations on 20m and five on 40m, including one accidental ragchew. But he was another QRPer, so it was OK. Or maybe it was a plot to hold down my score. :)

Sorry about the calls I may have missed. Had to keep the filter wide open to hear some answering my CQ, so QRM was a bit more than my brain is used to filtering. Plus my littlest kid was creating broadband S9+30 QRN. They don't make a filter for that yet. :)

ScQRPion Dan (N7VE) called me afterward - seemed he'd been calling me 'til he was blue in the wrist. Guess I owe him a bagel. Sorry Dan! :) We both noticed that 20m started getting fluttery. ScQRPion Brian (W5VB0)'s groundwave sig even sounded fluttery. Like a Russian sig. Did anyone else notice it? A few hours later (0500Z), almost all sigs on 20m now sound fluttery, CA included. Weird.

>From Brian, W5VB0

Enjoyed "Pre-Sprint" QSO with K8CV.

40M was really tough for me, as there was S-9 Thunderstorm QRN on almost all paths. Phasing the verticals rarely got it down very much.

I DID manage to work "the champ" W3TS on 40 though. Wow, 1 watt!

The 2 W mobile signal from K5JS was quite strong, armchair copy!

I used my brand new Argosy II that I obtained second hand just today. Years ago I had the original analog model, but let it get away. This one's got the optional 500 Hz CW filter, Noise Blanker and Audio Filters. Nice, clean condx too. RX seems cleaner too than the synthesized rigs that I have around here. Missed those good old TT ears.

I sure enjoyed contacting the usual "suspects" as well as some new calls that were a pleasure to see pop up.

2 hours of pure fun... this has GOT to illegal!

Thanks to all!

>From Bill, K8WI

running kenwood ts570d @5w into carolina windom
on 40meters and 3element tribander on 20meters
stuck at NE. hope to go out into field next month
with s&s engineering on 40meter. 72 bill k8wi

>From Brian, AE9K

I had a great time in my first sprint...even though I had to dig some signals out of the noise level it was a very relaxing and enjoyable way to spend the evening out on the deck with the solar charged battery and rig. Breeze kept the mosquitoes down and the temps cool. It reminded me of the old days as a novice struggling to raise a QSO and then getting all excited when someone finally came back to me. Enjoyed working the QRO ops that dropped in to give me a contact. could have easily gotten into some good rag chews with'em. Looking forward to doing it again.

Date: Thu, 10 Jul 1997 10:57:23 -0500 (CDT)
From: urolab@ix.netcom.com (David Weinstein)
To: qrp-l@Lehigh.EDU
Subject: [22839] 30m and contesting
Message-ID: <199707101557.KAA09216@dfw-ix8.ix.netcom.com>

Since 30m is such a great qrp band, why is it excluded from so many contests?

Dave WB4DTC?

Since 30m is such a great qrp band, why is it excluded from so many contests?
Dave WB4DTC?

Since 30m is such a great qrp band, why is it excluded from so many contests?
Dave WB4DTC?

Since 30m is such a good qrp band, why is it excluded from so many contests?

WB4DTC...Dave

Date: 10 Jul 97 11:51:00 -0400
From: jfitton@lucent.com
To: qrp-l@Lehigh.EDU
Subject: [22840] QRP travel
Message-ID: <199707101558.LAA29804@emsr1.emsr.lucent.com>
Content-Type: text

I have an opportunity to take a week or more
of vacation time to travel "alone" during the
week of 8/21 - 27.

Any ideas, esp. QRP related ?

72/73 Jim, W1FMR <><

jfitton@lucent.com

Date: Thu, 10 Jul 1997 12:07:58 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: Sam Billingsley <sbillingsley@mindspring.com>
Cc: QRP List <QRP-L@Lehigh.EDU>, "Bill (KANGA US 419.423.4604) Kelsey" <kanga@brutus.bright.net>
Subject: [22841] HW-8 Handbook
Message-ID: <Pine.BSI.3.93.970710120348.29696A-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Sam,

You can obtain a HW-8 Handbook quickly from Kanga US Bill Kelsey, N8ET
I don't have the catalog handy, but his email is included in this
msg cc line. See also <http://qrp.cc.nd.edu/kanga> for the on line catalog.

72 ES

QRP DX TU (C) 1986, G. Danny Gingell, K3TKS@abs.net "Danny"
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
QRP ARCI Net Manager and Board of Director Member.

Date: Wed, 09 Jul 1997 21:56:37 -0700
From: Ken Lopez <kjlopez@earthlink.net>
To: ccart@dns.vidtel.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [22842] Re: "Men In Black" & Solar Power loads
Message-ID: <33C46B8E.34FA@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chris Cartwright wrote:

>
> I know on my panel it says to be SURE to use a blocking diode
> between it and the regulator (I use a 1N4006, 24V 330mA max out of the
> panel) not sure if that's a current sink or not, but it sure keeps the
> panel from turning the battery back into light :)

Many, but not all, of the newer panels incorporate a blocking diode to keep the panel from acting like a load when not in sufficient light, and to isolate it from other panels when in an array. Most, but not all, of the newer charge controller designs, also incorporate protection of this

type.

It is always best to make sure, and use a diode if in doubt.

Cheers,

Ken, N6TZV

Date: Thu, 10 Jul 97 12:41:53 EDT
From: Bill Acito 10-Jul-1997 1117 <acito@asdg.ENET.dec.com>
To: -qrp@us1RMC.bb.dec.com, tentec@contesting.com
Cc: acito@asdg.ENET.dec.com
Subject: [22843] FS: Argosy II (525)
Message-ID: <9707101641.AA24425@us1rmc.bb.dec.com>

509, Century 21, and QRP++ are sold; the following are
still available:

1. Ten Tec Argosy 525 with digital display and RF gain mods, S#23.
This rig shows its years, but is fully functional and has all
filters. The casing has a substantial number of small nicks and
dings, but front silk screen is intact; I have a replacement bottom
panel from Ten Tec that I will include, the top is no longer
available and needs to be re-painted. With manuals, we split
shipping, offers over \$450.
2. Heath HW-9, with matching tuner and swr meter. This is a
'collector', and probably not a 'user' rig. It was built, as I
was told, by a Heath technician, and the workmanship shows.
Absolutely mint, with WARC bands, no mods. The tuner and SWR
meter were added by me, and show some wear, but would give you a
complete set. With manuals for the rig only. Offers over \$400, we
split shipping.

. - I own my own words -
Bill Acito acito@asdg.enet.dec.com
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

W1PA qrp-ne qrp-l adv-rs arci norcal amsat-na arrl-life

Date: Thu, 10 Jul 1997 11:53:09 -0500
From: James Parsons <k5rov@worldnet.att.net>
To: urolab@ix.netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [22844] Re: 30m and contesting
Message-ID: <33C51375.7516@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

David Weinstein wrote:

>
> Since 30m is such a great qrp band, why is it excluded from so many contests?
Dave WB4DTC?
>
> Since 30m is such a great qrp band, why is it excluded from so many contests?
Dave WB4DTC?
>
> Since 30m is such a great qrp band, why is it excluded from so many contests?
Dave WB4DTC?
>
> Since 30m is such a good qrp band, why is it excluded from so many
> contests?
>
> WB4DTC...Dave

I donno...but I hope that it is never used as a contest band. It is so nice to have a place to go and rag-chew when the contests are on. And, they seem to be on just about every weekend.

Jim, K5ROV

--

James (Jim), Parsons, K5ROV USAF, Ret.
k5rov@worldnet.att.net QCWA, NWQRP, Fists, ARRL
EX: W1RLA, K5FBB, K4FEO, SVOWN (CRETE), SVOWN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

Date: Thu, 10 Jul 1997 10:23:16 -0700
From: Roger Hightower <n7kt@dancris.com>
To: qrp-1@Lehigh.EDU

Subject: [22845] [Fwd: Re: 30m and contesting]
Message-ID: <33C51A84.18DB@dancris.com>
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="-----203C201B6FA1"

This is a multi-part message in MIME format.

-----203C201B6FA1
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

--
72/73 de Roger N7KT n7kt@dancris.com Mesa, AZ Grid DM43cj
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383
AK-QRP 167

-----203C201B6FA1
Content-Type: message/rfc822
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Message-ID: <33C51A0A.BBE@dancris.com>
Date: Thu, 10 Jul 1997 10:21:14 -0700
From: Roger Hightower <n7kt@dancris.com>
Reply-To: n7kt@dancris.com
X-Mailer: Mozilla 3.0Gold (Win95; U)
MIME-Version: 1.0
To: urolab@ix.netcom.com
Subject: Re: 30m and contesting
References: <199707101557.KAA09216@dfw-ix8.ix.netcom.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This question has been here before, many times. An ITU "gentlemen's agreement" not to use the WARC bands for contests.

It just isn't done, and the QRP-L folks have agreed to honor that.

--
72/73 de Roger N7KT n7kt@dancris.com Mesa, AZ Grid DM43cj
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383
AK-QRP 167

-----203C201B6FA1--

Date: Thu, 10 Jul 1997 12:23:03 -0500
From: James Parsons <k5rov@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [22846] Ten Meters..
Message-ID: <33C51A77.BB1@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ten meters is open at 1715Z. The trouble is that I am only hearing SSB signals. I called a few CQ's on CW and was answered by VE1CZ. He is the only CW station I have heard. I guess the CW crowd is just not interested in 10 meters. I am hanging around 28015.

73

Jim, K5ROV
--

James (Jim), Parsons, K5ROV USAF, Ret.
k5rov@worldnet.att.net QCWA, NWQRP, Fists, ARRL
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

Date: Thu, 10 Jul 97 10:49:41 -0700
From: Russ Carpenter <russ@natworld.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [22847] Calling all ARS Orphans
Message-ID: <199707101749.KAA18488@guppy.pond.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Adventure Radio Society is an internet-based organization. This is a great way to do business, because (1) it's cost efficient, and (2) it allows us to stay in close contact with our membership through automated emailing.

But when our members change their email addresses, they sometimes forget to tell us. And then we lose our internet linkage with them.

So if you're a member of ARS and you haven't told us about a change in your email address, would you be so kind to send your new email address to our Chief Gofer, Russ Carpenter, AA7QU, at russ@natworld.com.

Thanks.

Date: Thu, 10 Jul 1997 20:04:40 +0100
From: Larry and Andrea Gagnon <gagnon@gagnon.u-net.com>
To: qrp-1@Lehigh.EDU
Subject: [22848] SLV ground bus mod.
Message-ID: <1.5.4.32.19970710190440.0067a0a0@mail.u-net.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Following is a suggested modification to the St. Louis Vertical original plans ground bus.

Rather than the ring of copper wire ground bus to attach the radials and feedline:

- 1) strip 4-5 inches of copper braid sheath from the outer section of some old RG-8 coax.
- 2) Flatten it and widen it to 1 inch or so by pushing the braid against itself.
- 3) Nail or staple this circumferentially 2.5 inches below the top of the wooden dowel mounting post. Place the nails or staples nearer the bottom portion of the braid.
- 4) The upper part of the braid can then be slightly pulled away from the post and the radial and feedline alligator clips can be hooked on to the braid at any convenient place around it.

This becomes a more convenient bus and means less parts to get lost in the field.

Cheers, Larry MW0AWC

=====
Larry and Andrea Gagnon
37 Uwch-Y-Dre, Gwernymynydd, Mold, Flintshire, CH7 4AB, Wales, UK
tel 44-1352-759517

Date: Thu, 10 Jul 1997 14:20:32 -0400 (EDT)
From: Richard Mulvey <mulveyr@frontiernet.net>
To: urolab@ix.netcom.com
Cc: qrp-1@Lehigh.EDU
Subject: [22849] Re: 30m and contesting

Message-ID: <199707101820.0AA38202@node5.frontiernet.net>

Content-Type: text

>

> Since 30m is such a great qrp band, why is it excluded from so many contests?

Dave WB4DTC?

>

There is a "Gentleman's agreement" that 30M is not to be used during contests, so that those of us who detest contesting have someplace quit to go when the rest of the world is calling "CQ TEST CQ TEST".

- Rich

Date: Fri, 11 Jul 1997 13:59:52 -0600

From: Neil Pam Klagge <npklagge@davis.uswest.net>

To: qrp-l@Lehigh.EDU

Subject: [22850] 38 SPECIAL FINALLY TRANSMITS after weeks of troubleshooting!!

Message-ID: <33C690B8.4E47@davis.uswest.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Whoopie!!! I found the problem after pulling my hair out and reading all the troubleshooting tips and helps from Bill Carver and many others. The problem was an inconspicuous solder bridge between two very close traces on the underside of the board. The solder bridged the "high" side of C33(at the output of the sidetone) to the "high" side of R11 (at the base of the buffer/amp TR1. After removing the bridge there was output which cleaned up as I tuned TC2 as per instructions.

Right away I got a 579 from KF0KA in Iowa, from my Utah location. I was excited, to say the least!!! Right after that I got another 579 from Walt, W6HRK in southern California.

For those interested, I used C101 as in the original circuit and I used a 10K at R101 but I disconnected it from the +12V bus and connected it instead to the R- at the bottom end of D7. This gives a better bias to keep the power FET running cooler and turns it off during receive. I am getting 3 to 4 watts at 12.6 volts and 2 watts at 9.5 volts.

THANKS TO ALL OF YOU YOU ASKED THE QUESTIONS THAT GOT THE ANSWERS I NEEDED AND ALSO THE COURAGE TO KEEP AT IT. YOU GUYS ARE TOPS!!!

72/73

Neil, W0YSE, Layton Utah

Date: Thu, 10 Jul 1997 13:06:51 -0700
From: "Captain Dick" <captaindick@acmenet.com>
To: "QRP Radio List" <qrp-l@Lehigh.EDU>
Subject: [22851] Information Sources
Message-ID: <20111304604507@acmenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Been reading the posts and picking up information, also a rig, so hope to be on air when it gets here. Saw mention of some kind of qrp publication and would like more information. Seems I recall getting something like that when I was active 12 - 15 years ago. Anyway, if someone could give me some addresses to subscribe to any kind of qrp specialized info. I'm sure it would help me get back up to speed and would be appreciated

Captain Dick WB7BZR
2631 NW 95th St.
Seattle, WA 98117
Home Page at: <http://www.acmenet.com/captaindick>

Date: Thu, 10 Jul 1997 16:20:27 -0500 (EST)
From: HIMES@idic11.idi.oclc.org
To: qrp-l@Lehigh.EDU
Subject: [22852] IC706MKII_STUCK_LCD_SEGMENTS
Message-ID: <01IL2TE2YJS2B14A3J@idic11.idi.oclc.org>
MIME-version: 1.0
Content-transfer-encoding: 7BIT

RE: IC706MKII

Has anyone noticed that sometimes in FM mode, a single, signal strength LCD segment (roughly around s4 or 5) will stay ON even in with no signal coming in?

I saw it do this a few nights ago for a couple of hours.

Then it went away. Fiddling with the frequency knob and/or the mode button, made it stop, but came back on several times.

Did not seem to affect operation otherwise.

Have no idea how to consistently reproduce this yet.

Marty WB8FNH himes@idi.oclc.org

Date: Thu, 10 Jul 1997 16:55:59 -0400 (EDT)
From: Earl Andrews <earlve3ab@host.igs.net>
To: qrp-1@Lehigh.EDU
Subject: [22853] Possible trade Drake SSR1 for QRP rig
Message-ID: <199707102055.QAA22759@host.ott.igs.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Im interested in getting a qrp rig like an the Index Labs qrp+ or a good Argonaut 509 or 515 (wishful thinking on the 515!). I have for trade or more than likely partial trade and some cash a Drake SSR-1 General Coverage RCVR in really good condition both cosmetically and working condition. The Drake has never been modified and comes with the original whip ant, owners manual and the drake flyers from that time period. I'm not the original owner but I knew the original owner and it is indeed in fb condx.

REPORTING ON MY ACTIVITIES and G5RV antenna experiments

As for my activities lately, Ive been working on the bench this winter alot and I lately have made a few interested weak signal qsos on 2m ssb. 2 mtr SSB reminds me alot of qrp because the signals are not strong and the copy is often not armchair copy. I worked one stn on fd that was a moonbouncer who had a good kilowatt and 8 stacked yagis and he was not strong..but then again..the band wasnt even open..with his setup he made his own band openings. He managed to pull my 14 watt ssb signal out and I was using a hb 4 el quad up only 20 feet. Thats the only signal I heard on 2 ssb during fd. I was cheating a bit on fd this yr because I was using 100 watts on Hf. Next yr I hope to be pure qrp once again. Right now Im building a G5RV (modified) as per a QST article. Ive built a wooden jig

with angled grooves in it and im taking 450 ohm window balanced line and Im heating it with a torch in this jig to reform the 450 ohm line into a closer spaced 350 ohm line. Im then going to put the "stub" into a pvc 1/2 inch I.D. pipe about 30 ft long and it will be better protected from the elements and should be easier to secure at a spacing away from my tower. The radiator is going to be about 92 foot flatop. Im going to start with a longer stub and make measurerments with my auttek rf analysr to try and get some good SWR curves. I may try a few "tricks" to try and obtain a good response from this antenna. Im going to make this antenna very flexible to reconfiguration. ie..if there is a good qrp contest I may detach it from the tower standoffs and hoist the thing up an addition 20' and detach the coax from the stub (using small "spade" type of connectors and clip on an open wire line from a tuner. I also plan to have these type of connectors at the end of each element so I can add a length of wire to "reconfigure" the g5rv style antenna into a loop and experiment with that for awhile. I may write this as an article for the QRP Quarterly or some other mag. I have bought a couple of packs of "spade" wire connectors from the automotive section of the hardware store and I plan to treat them with a light coat of solder to ensure very snug fit and try and ward off oxidation and any resistive losses. If you are interested in doing something along these lines.. i can give tips via email. 72/73 es happy hamming earl VE3AB ..My Email is earlve3ab@igs.net

Date: Thu, 10 Jul 1997 16:11:45 -0500
From: AA0QX <AA0QX@prodigy.net>
To: qrp-1@Lehigh.EDU
Cc: AE0Q V31RY <v31ry@ix.netcom.com>
Subject: [22854] Re: "Renewal" batteries
Message-ID: <33C55011.350B@prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

AE0Q V31RY wrote:

>
> >I, too, have had good results from the renewals. I use them in my
> >40-40 rig all the time. I put one in a pager, and it drained down so
> >far that the recharger light would not even come on. I left it in
> >overnight and it eventually recharged! It's still working.
> >
> >These Renewal batteries are available at Target for about \$1 a piece in
> >AA size. Best deal I've found.
> >
> >72 de Austin AA0QX
> >
>
> Hello Austin.. What charger do you use with the Renewal batteries, the
> small wall-cube that comes with an HT? Or do you need a special charger for
> them?
>
> Thanks -- Glenn
> -----
> "Remember, any tool can be the right tool!" Red Green
>
> AE0Q / V31RY ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK
> v31ry@ix.netcom.com --SOWP 5558-M, ARRL LM, QCWA LM, NCVA--
> <http://www.qsl.net/ae0q>

You have to use the special charger for Renewal batteries. They will
explode with a regular charger. The Renewal chargers apparently monitor
each battery individually and charge it at an appropriate rate for it's
voltage. I have found that if I look around I can usually find a
charger on sale for about \$10 with the rebate.

72 de Austin AA0QX

Date: Thu, 10 Jul 1997 14:24:21 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Cc: we6w@qsl.net
Subject: [22855] [Fwd: Alcatraz Sked on QRP Group List]
Message-ID: <33C55305.1650@qsl.net>
Mime-Version: 1.0
Content-Type: multipart/mixed; boundary="-----24724F607771"

This is a multi-part message in MIME format.

-----24724F607771

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Another ham friend of mine mentioned the following special event to me yesterday. It isn't until Then end of July, but that will give everyone a chance to plan.

So QRP folk -- let's stand up and be counted! I personally know a few members of our local club that would be blown away by hearing your 2Watt/5Watt or .95 WATT sig from across the states.

Maybe I'll get my certificate with my pixie2 and show 'em!

-Ed Loranger

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VF0.
QRP-L#1068/Norcal#2227/ARCI#???? grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

-----24724F607771
Content-Type: message/rfc822
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Received: from srmail.sr.hp.com by wolf.sr.hp.com with ESMT
(1.37.109.16/15.5+ECS 3.3) id AA134637692; Thu, 10 Jul 1997 13:48:13 -0700
Return-Path: <JOHN_BRECKENRIDGE@HP-Sonoma-om1.om.hp.com>
Received: from opnmail1.corp.hp.com by srmail.sr.hp.com with ESMT
(1.37.109.16/15.5+ECS 3.3) id AA207987691; Thu, 10 Jul 1997 13:48:11 -0700
Received: from by opnmail1.corp.hp.com with SMTP
(1.37.109.16/15.5+ECS 3.4 Openmail) id AA235197688; Thu, 10 Jul 1997 13:48:08 -0700
From: JOHN_BRECKENRIDGE@HP-Sonoma-om1.om.hp.com
X-Openmail-Hops: 2
Date: Thu, 10 Jul 97 13:47:45 -0700
Message-Id: <H00006810b59f1f1@MHS>
Subject: Alcatraz Sked on QRP Group List
Mime-Version: 1.0
To: loranger@sr.hp.com
Cc: kd6vum@sonic.net
Content-Type: text/plain; charset=US-ASCII; name="cc:Mail"
Content-Transfer-Encoding: 7bit

Ed, please give this to the QRP group you are associated with. We would love to make contacts with them on our "DX"pedition. Thanks!

Selected "inmates" of the Sonoma County Radio Amateurs group will be going to the "Rock," Alcatraz Island for a weekend of hamming. It's an overnighiter, Saturday July 26 through Sunday July 27. We will be operating the following modes and frequencies throughout much of Saturday, Saturday evening, and at least Sunday morning:

15m 21.140 +/- cw
21.400 +/- ssb

20m 14.075 +/- cw
14.260 +/- ssb

40m 7.120 +/- cw
7.265 +/- ssb

Notes:

- * CW and voice will NOT operate on the same band at the same time.
- * We may show up on other bands not listed above.
- * The club call W6LFJ will be used.

QSL info:

When qsling please note the name of the operator or his/her personal call on the SASE.

W6LFJ
PO Box 116
Santa Rosa, CA 95402

73 de John WB6FRZ,
johnbr@sr.hp.com

-----24724F607771--

Date: Thu, 10 Jul 1997 14:34:14 -0700 (MST)
From: Joe Gervais <vole@primenet.com>

To: jfitton@lucent.com
Cc: qrp-1@Lehigh.EDU
Subject: [22856] Re: QRP travel
Message-ID: <199707102134.0AA17685@usr06.primenet.com>

Jim (W1FMR) wrote:

>
> I have an opportunity to take a week or more
> of vacation time to travel "alone" during the
> week of 8/21 - 27.
>
> Any ideas, esp. QRP related ?

ND and WV! ND and WV! Please o puh-leeeeeeeeeze!!!
I'm *so* close to 2xQRP WAS!!! Oh yeah, please
bring a rig and antenna with you too. :-)

Since you asked.... heehee

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It was the monkeys! The monkeys did it!"

Date: Thu, 10 Jul 1997 14:49:16 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [22857] WSN and Others Q-Sigs??
Message-ID: <33C558DB.747A@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ok, Everyone knows all the basic Q-signals.

But have yet to see all the NET-CONTROL Q-Sigs
listed anywhere.

Help pse. I'm information hungry.

QNA --- Shall I reduce Antenna? Whhoooo hheeeeee haaaawwww!

CQ QRP de WE4Rhombic/Curtain QNA?

no, no; QDL QDL ##### Que the Dummy Load ur sig S9/20dB.

I'm getting sore laugh muscles.

-Ed Loranger

(P.S. tks AB7TT fer QDL -- Shall I transmit Dummy Load.)

Modifications Que Dummy Load is mine... Brainstorming works!

Now where's the Net Q-sigs?

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

HW-8;OHR-100, Pixie2, Johnson Viking II w/VF0.

QRP-L#1068/Norcal#2227/ARCI#???? grid CM88ok

mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Thu, 10 Jul 1997 18:06:18 -0400 (EDT)

From: RhyneK@aol.com

To: qrp-l@Lehigh.EDU

Subject: [22858] FS: OHR Spirit QRP Transceiver for 20mtrs

Message-ID: <970710180403_-1560872491@emout07.mail.aol.com>

New -- I have a new in the box unbuilt OHR spirit transceiver for 20mtrs for sale. Asking \$135 shipped. Call Rhyne at 508-392-9943.

Date: Thu, 10 Jul 1997 17:28:40 -0500

From: Dave Sjolín <sjolin@swbell.net>

To: urolab@ix.netcom.com

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [22859] Re: 30m and contesting

Message-ID: <33C56218.3FA8@swbell.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

David Weinstein wrote:

>

> Since 30m is such a great qrp band, why is it excluded from so many contests?
Dave WB4DTC?

>

> Since 30m is such a great qrp band, why is it excluded from so many contests?
Dave WB4DTC?

>
> Since 30m is such a great qrp band, why is it excluded from so many contests?
Dave WB4DTC?
>
> Since 30m is such a good qrp band, why is it excluded from so many
> contests?
>

Dave, 30m has been off limits for contesting since we gained access to the band. Traditionally there have been a number of reasons. One, at least initially, we had secondary rights to the band. Commercial users had prime rights to frequencies. Not sure if this is true but they are so loud, they generally can win. HI. Anyway, we had to avoid qrmg the commercial interests in order to be good neighbors and not lose our secondary status. This could not be guaranteed, if major contests were conducted on the band. In the heat of competition, someone would try to steal a commercial freq.

Also the band is very narrow. Only 50 khz and much of this is used for digital (primarily amtor and packet). Thinking was that contesting here and on the other WARC bands would ruin the one last remaining preserve for non contesters. With all the complaining about RTTY contests on 40m, imagine how bad it would be if you didnt have access to 30m during those contests.

As far as qrp contests, if there are restrictions on 30m, I imagine they were set to provide preserves for non-contesters.

Believe it or not, five or six years ago, you could turn on the rig after work and find all bands 160-10 open at the same time. With guys spread out over that many bands, the pileups weren't too bad. At the bottom of the sunspot cycle, you might only have a few bands open to any extent at a time. If 30 was one of them, it would be wall to wall qrm.

Just some thoughts. 73 de Dave, N0IT

Date: Thu, 10 Jul 1997 18:41:25 EDT
From: wb2vuo@juno.com (William K Hibbert)
To: urolab@ix.netcom.com, qrp-1@Lehigh.EDU
Subject: [22860] Re: 30m and contesting
Message-ID: <19970710.184039.2063.0.wb2vuo@juno.com>

Amateur Radio is a secondary service in the 30 M band. With the normally total disregard that "REAL" Contesters give to other band occupants, (QRP

contesters don't suffer from this trait...), there would be problems with the Primary users.

Now, as to why the prohibition has been extended to the 17 & 12 Meter bands, that is a good question...

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, 100% QRP
Tech Specialist (ARRL/WNY), ARRL Life Member,
Trustee, NQ2RP/B 10 Mtr QRP Beacon (QRP @ 28.287 MHz)
"In the Depths of the Great Bergen (NY) Swamp...FN13ac"
Packet - wb2vuo@w2im.#wny.ny.usa.noam *** Email - wb2vuo@juno.com
SnailMail - CBA *** Phone - 716.494.1239

"My Night Light runs more power than my Rig!!!"

Date: Thu, 10 Jul 1997 15:56:23 -0700
From: gsurrency@juno.com (Gary L L Surrency)
To: we6w@qsl.net
Cc: qrp-l@Lehigh.EDU
Subject: [22861] Re: WSN and Others Q-Sigs??
Message-ID: <19970710.155638.9398.0.gsurrency@juno.com>

Actually, I did use my dummy load and 1 watt to QSO with AEOL just before FD.

He lives across the street from me and about 5 or 6 houses west of my QTH. We are always running into one another on 20m. He could still copy me S9 plus when I ran the power down to 1 watt into the dummy load. Probably he was picking up some stray RF leakage from the antenna tuner / switch I use. I could hear him very Q5 at my QTH also as he reduced power to less than 5 watts on his Kenwood, while I listened with the dummy load.

All of this operation was on SSB (shudder) but I had originally QRMed him with a CW CQ at 100w down in the CW sub-band. We tend to block each others rcvr inputs. I went up into the SSB portion to apologize and had a nice QSO afterward during which he invited me over to see his QTH, which I haven't done yet.

So dummy loads DO work when you have local hams so close to your QTH. And if you do happen to QRM someone close by accident as I did, take the opportunity to apologize and you may just make a new ham-friend in the process. Turns out he has a HW-9 and used it to make a lot of QRP contacts during a stay in Guam years ago. A quasi-QRPer of sorts.

Now I have to wonder when I'm doing work on the rig and transmitting into a DL just WHO can still hear me?! It's probably best not to transmit anything you normally wouldn't (!) and use the shortest cable from your rig to dummy load so as to radiate the LEAST RF possible to a nearby ham. A Faraday shield around the shack would be the best solution, but not very practical.

Even a little bit of RF leakage can go further than you think.

72,

AB7MY

Gary Surrency

Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions

End of QRP-L Digest 783

